

Title (en)  
LOW TEMPERATURE HEAT SHRINKABLE FILM FOR LABELS

Title (de)  
NIEDRIGTEMPERATUR-SCHRUMPFOLIE FÜR ETIKETTEN

Title (fr)  
FILM RETRECISSE A BASSES TEMPERATURES POUR ETIQUETTES

Publication  
**EP 0979722 B1 20040818 (EN)**

Application  
**EP 98950421 A 19981028**

Priority

- JP 9804872 W 19981028
- JP 35220697 A 19971205

Abstract (en)  
[origin: EP0979722A1] The present invention provides a low temperature heat shrinkable film for labeling comprising at least one layer of a thermoplastic resin, in whose correlation diagram showing the relation between the heat shrinkage percentage Y at 80 DEG C in one direction and the heat shrinkage time t ( $1 \leq t \leq 5$ ), the gradient Y' is in an area between the gradients satisfying Equations 1 and 2 and the heat shrinkage percentage Y is in an area between the heat shrinkage percentages satisfying Equations 3 and 4: <MATH> <IMAGE>

IPC 1-7  
**B29C 61/06**; C08J 5/18; B32B 7/02; B32B 27/30

IPC 8 full level  
**B29C 61/00** (2006.01); **B29C 63/42** (2006.01); **B32B 37/15** (2006.01)

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Cited by  
EP1644260A4; EP2093251A4; US9637264B2; WO2007015245A3; WO2008069132A1; US8169601B2; US7846517B2; US8496868B2; US7615183B2; US8133558B2; US7713601B2; US7998545B2; US8263197B2; US8551586B2

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